RATE ANALYSIS

Based on Schedule of Rates for the year 2018 - 2019 , PW, P & IWTD, Bangalore Circle, Bangalore (Area Weightage 6%),

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
1	PWD BC 2018-19	KSRRB M-100-1 Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.MORTH -100 / Chapter 1	cum	136	17.1	57			57.00
2	PWD BC 2018-19	KSRRB M100-4.1. Cost of Haulage Excluding loading and Unloading MORTH -100/ Chapter 1 Case-1: Surface Road	cum	136	17.4	64			64.00
4	PWD BC 2018-19	KSRRB M200-14.2. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. -do- Dismantling	cum	139	18.23	351		21.06	372.06
5	PWD BC 2018-19	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications KSRRB M200- 15.2. –do– B. Rubble stone masonry in cement mortar.	cum	140	18.27	351		21.06	372.06
6	PWD BC 2018-19	KSRRB M200-25. **Dismantling of guard rails** by manual means and disposal of dismantled materials with all lifts and stacking serviceable materials and unserviceable materials seperately complete as per speCifications. MORTH	cum	140	18.48	87		5.22	92.22
7	PWD BC 2018-19	KSRRB M200-26. Dismantling Kerb stone by manual means and disposal of dismantled materials with all lifts and complete as per specifications. MORTH Specification No. 202	m	141	18.49	12		0.72	12.72
8	PWD BC 2018-19	KSRRB M200-32. Removal of Telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and stacking the serviceable and unserviceable material separately complete as per specifications. MORTH Specification No.	Nos.	141	18.57	217		13.02	230.02
9	PWD BC 2018-19	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3	cum	143	19.1	130.0		7.80	137.80
10	PWD BC 2018-19	KSRRB M300-19 Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications MORTH	cum	144	19.20	33.00		1.98	34.98

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
11	PWD BC 2018-19	KSRRB 300-48. Scarifying kankar / gravel / metal crust upto 150mm thick with power roller attached with scarifier, disposal of stuff including cost of all labour charges, HOM of machineries complete as per specifications. MORTH /	Sqm	146	19.54	24.00		1.44	25.44
12	PWD BC 2018-19	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by power roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3	Sqm	146	19.56	39		2.34	41.34
13	PWD BC 2018-19	KSRRB 300-58. Compaction if original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depresion occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Sqm	147	19.64	6		0.36	6.36
14	PWD BC 2018-19	KSRRB M300-20. Providing and fixing tree gaurd 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together complete as per specifications	Each	151	19.100	2326		139.56	2465.56
15	PWD BC 2018-19	Milling the bituminous pavement surface upto a depth of 55mm using milling machine, to make a uniform surface without disturbing the base, cleaning the milled surface, including cost of all labour charges and hire charges of machineries etc complete, including stacking the milled material on the sides of road.	Sqm	151	19.102	70.00		4.20	74.20
16	PWD BC 2018-19	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of	cum	153	20.6	1750		105.00	1855.00
17	PWD BC 2018-19	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite I trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406	cum	155	20.18	1888		113.28	2001.28
18	PWD BC 2018-19	KSRRB M500-7 Providing and applying tack coat using 80 / 100 grade bitumen (VG - 30) on the prepared black topped surfaces at 2.5kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTh Chapter	Sqm	158	21.7	12		0.72	12.72

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
19	PWD BC 2018-19	KSRRB 500-9. Providing and applying tack coat using 80/100 grade bitumen (VG10) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5	Sqm	158	21.9	20		1.20	21.20
20	PWD BC 2018-19	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75	cum	159	##### 21.11.6	5237		314.22	5551.22
21	PWD BC 2018-19	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-11 (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	cum	160	21.17.6	6470		388.20	6858.20
22	PWD BC 2018-19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade} and	cum	162	21.78.12	7594.80 8521		511.26	9032.26

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
23	PWD BC 2018-19	Dry Lean Concrete (DLC) for Profile correction of existing bituminous road surface before carrying out White Topping Dry Lean Concrete (DLC) M-5 for Profile correction of existing bituminous road surface before carrying out White Topping Construction of dry lean cement concrete sub base layer over existing scarified (to the depth of 25 mm with miller machine includes mobilization, diesel and operating cost, includes cleaning by air blower/sand blasting/brooming etc.) bituminous road surface with coarse and fine aggregate conforming to IS 383, the size of coarse aggregate not exceeding 25mm, aggregate cement ratio notto exceed 15:1, aggregate gradation after blending to be as per Table 600-1, cement content not less than 160 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in ready mix concrete plant or a batching plant (to ensure consistency) transported to site, laid to the depth of 40 mm - 50 mm with a fixed form paver with electric sensor, having gang mounted vibrators equally spaced with variable rpm and atleast three integral steel tubes with 8-10 tonnes vibratory rollers for screeding, levelling compaction finishing and curing includeslifting/shifting charges of paver, as per specifications complete, (cement 160kgs. coarse aggregate= 0.86 cum. Fine	cum	290	38.19	3401		204.06	3605.06
24	PWD BC 2018-19	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MoRT&H Chapter 8	Sqm	180	24.1	80		4.80	84.80
25	PWD BC 2018-19	Retro-Reflectorised Traffic Signs Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting wide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level	Nos.	180	24.2.1	3454		207.24	3661.24
26	PWD BC 2018-19	Retro-Reflectorised Traffic Signs Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting wide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Nos.	180	24.2.3	3122		187.32	3309.32

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
27	PWD BC 2018-19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Concrete Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms and 2 Ltr of Primer per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC : 35. The finished surface to be level, uniform and free from streaks and holes complete as per	Sqm	182	24.15	429		25.74	454.74
28	PWD BC 2018-19	KSRRB M800-29.1. Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings complete as per specifications	m	186	24.35	3191		191.46	3382.46
29	PWD BC 2018-19	KSRRB M800 Road markers I Road stud KSRRB M800-35. Supply and installation of moulded shank raised pavement markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capiable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to specification of catageory A of MORTH circluar No. RW/NH/33023/10-97, - DO III Dt 11.06.1997. The height, width and length shall not exceed 50mm, 100mm and 102mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylinderical shanks, (Of diameter not less than 19mm and height not less than 30mm) from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, with out nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer with 2years warranty for the reflectivity from the original manufacturer is mandatory along with necessary test certification from the certified laboratory. Third party yest cerificates from a reputed test laboratory shall be submitted with seal and	Nos.	187	24.41	337		20.22	357.22

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
310	PWD BC 2018-19	KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as	Each	187	24.44	2490		149.40	2639.40
311	PWD BC 2018-19	KSRRB M2200-5.1 Providing and laying cement concrete of mix 1:2:4 with OPC @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.63cum and fine aggregates @ 0.42cum including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per MORTH Section : 2200 & IS 456	cum	226	28.7.1	5421		325.26	5746.26
312	PWD BC 2018-19	KSRRB M2200-5.15. Providing and laying Design mix M30 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts zonfirming to JS9103- 1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	cum	227	28.7.6	5415		324.90	5739.90
313	PWD BC 2018-19	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to IS91 03-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	cum	227	28.7.9	5173		310.38	5483.38
314	PWD BC 2018-19	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 &	Tonne	229	28.8.2	68233		4093.98	72326.98
315	PWD BC 2018-19	Providing and laying reinforced cement concrete pipe NP3 pipe of dia 300mm for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications.Specifications. No. KSRB 1000, 2300 MOST Specification including lead, lift, loading & unloading complete as per the direction of engineer	m	254	34.6.1	1534		92.04	1626.04

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
36	PWD BC 2018-19	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications.	cum	255	34.11	5283		316.98	5599.98
37	PWD BC 2018-19	Removing and resetting of footpath slab	Sqm	270	37.56	197.00		11.82	208.82
38	PWD BC 2018-19	Providing and laying White Topping as per IRC:SP76-2008 over bituminous surface (Existing bituminous surface preparation to be done if necessary either by milling or levelling course with BM/DBM to correct surface profile and to be paid separately) with unreinforced M-40 grade pavement quality concrete (PQC)using polymeric synthetic fibre as per ASTM (1116) such as polyester I polyethylene I polypropylene at 1.20 kg/cum, mixed in batching and mixing plant or weigh batcher as per approved mix design to achieve minimum flexural strength or modulus of rupture of concrete 4.50 MPa at 28 days limiting maximum water cement ratio to 0.40, transported to site, laid with mechanical paver finisher, spread, vibrated, compacted and finished in a continuous operation to the lines and grades as per drawing, texture finishing of surface, spraying two layers of curing compound, curing with water sprayed on hessian cloth coverd over concrete surface, groove cutting to a depth of 1/3 of the slab depth and of width 3-5 mm including the cost of filling the joint with joint sealant as per IRC-15. as per design (grove cutting to be paid separately). For Thin white Topping and ultra thin white topping the groove cutting shall be 1.25mm x 1.25m grid including cost of all materal, side form work, labour and HOM of machineries etc. complete as per specifications.) -Do- with unreinforced M40 grade pavement quality concrete using grade OPC	cum	290	38.20.1	5813.00		348.78	6161.78
39	PWD BC 2018-19	Providing groove cutting for width of 4mm - 6mm and 1/3 rd depth of PQC White topping within 8 - 10 hrs of placing / finishing of PQC including cost of cutting machine, generators, HOM of machinery, blades, coolant or equivalent cleaning of groove and providing sand and hot bituminous or equivalent approved sealant filling etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as	Rmt.	291	38.21	92.00		5.52	97.52

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
40	BWSSB 2017 18	Supplying PVC ringtite pipe confirming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour, with all lead & lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth avilable from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing).	m	133	1.1	45.00	40.18		40.18
41	BWSSB 2017 18	Supplying PVC ringtite pipe confirming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour, with all lead & lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth avilable from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing).	m	133	1.2	70.00	62.50		62.50
42	BWSSB 2017 18	Supplying PVC ringtite pipe confirming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour, with all lead & lift including encasing the pipe alround to a depth of not less than 15cms with soft gravel or selected earth avilable from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing).	m	133	1.3	107.00	95.54		95.54

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
43	BWSSB 2017 18	Supplying and Laying HDPE pipes confirming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and joining of pipes and specials including encasing the pipe around to a depth of not less than 15cm with soft gravel or selected earth available from the excavation etc., complete, giving hydraulic test as per relevant ISS with all lead and lift including testing and commissioning, The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing) including lead, lift, loading & unloading complete as per the direction of engineer incharge. PE - 100 PN 6-0	m	125	6.2	402.00	358.93		358.93
44	BWSSB 2017 18	Supplying and Laying HDPE pipes confirming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and joining of pipes and specials including encasing the pipe around to a depth of not less than 15cm with soft gravel or selected earth available from the excavation etc., complete, giving hydraulic test as per relevant ISS with all lead and lift including testing and commissioning, The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing) including lead, lift, loading & unloading complete as per the direction of engineer incharge. PE - 100 PN 6-0	m	125	6.7	1138.00	1016.07		1016.07
45	Derived Rate	Providing and Stone Dust in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications and as per the directions of engineer in charge.	cum			2540			2540.00
46	Data Rate	Providing and fixing Dowel Bar of 25mm dia, 500mm length for the construction joint in Pavement Quality Concrete (PQC) at every construction joints along the width of the road, the 50% of the dowel bar should be embeded on boths dies of joint, the exposed bar should be covered with PVC sleeves. The bar should be paints with epoxy paint & primer including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per the drawing, specifications and direction of	Nos.			646			646.00

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
487	Data Rate	Providing and inserting of 12mm dia TMT bar at 500mm c/c & applying Lokfix of Fosroc chemical of approved brand for tie rods of 12mm dia & 500mm length for the construction of longitudinal joint in Pavement Quality Concrete (PQC) at every 500mm centre to centre along the length of the road, the 50% of the tie rods should be embeded on both sides of joint. The tie rod should be inserted in the PQC concrete with applying lokfix including cost of conveyance of all materials , labour, lead and lift charges and all other incidental charges as per the drawing, specifications and direction of Engineer In-	Nos.			198			198.00
488	Data Rate	Providing and fixing RCC Precast slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of Engineer in-charge.	Sqm			1723.50			1723.50
489	Derived Rate	Supply, Fabrication and Fixing of Cast Iron Items such as Recess Manhole Covers, Bollards, Manhole Covers with Gratings etc., as per approved drawing and confirming to BS - EN -	Kgs.			106.32			106.32
500	Derived Rate	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge.	Sqm			71.03			71.03
501	Quotation Rate	KSRB 14.6-1: Providing and laying heavy duty cobble stones 100mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness)and compacting with plate vibrator having 3 tonscompaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its finallevel, including cost of materials, labour and HOM of machineries complete as	Sqm			1180.00			1180.00
502	Quotation rate	Supplying and erection of R.C.C Rings for well steining of 0.3m depth using M-20 grade cement concrete using clean graded granite or trap or jelly of approved quality 20mm and down size well compated includig centering, from work and plastering for both faces with C.M.1:3 proportion as per design using 6.5m M.S. Coil at the rate of 10 KGs/ring including cost of steel and fabrication bailling out of water, errection etc., For 0.90m dia(clear) ring of steining thickness 0.075 Mtrs. (QUOTATION)	Nos.			950			950.00
503	Derived Rate	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications.	cum			1901			1901.00

Sl. No.	SR details	Description of Item	Unit	Page No.	Item. No.	Basic Rate in Rs.	Deduct 12% GST from basic rate	Area Weightage 6%	Total Rate in Rs.
54	Derived Rate	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications	cum			1901			1901.00
55	Derived Rate	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications	cum			2651			2651.00
56	Derived Rate	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications	cum			2651			2651.00
57	Derived Rate	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications	cum			1901			1901.00
58	Data Rate	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift,	Nos.						350.00
59	Data Rate	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per	Sqm						900.00